

IOWA DEPARTMENT OF NATURAL RESOURCES

# CONSTRUCTION DOCUMENTS FOR RED ROCK WMA RUNNELLS MARSH BOAT ACCESS

## POLK COUNTY, IOWA

PROJECT # 15-05-77-06



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CONSULTANT:

IOWA DEPARTMENT OF  
NATURAL RESOURCES

ENGINEERING SERVICES - WALLACE BUILDING  
502 E. 9TH ST., DES MOINES, IA 50319-0034



POLK COUNTY

COVER SHEET

BOAT ACCESS FOR:

RED ROCK WMA

NO. BY DATE REVISION

DRAWN BY: PROJECT NUMBER:  
15-05-77-06

CHECKED BY: DATE: 10/2015

SHEET NO.:

A.01

### DIRECTORY

PROJECT MANAGER		CONSTRUCTION INSPECTOR	
COMPANY	IOWA DEPARTMENT OF NATURAL RESOURCES	COMPANY	IOWA DEPARTMENT OF NATURAL RESOURCES
ADDRESS	502 EAST 9TH STREET	ADDRESS	
CITY, STATE, ZIP	DES MOINES, IA, 50319	CITY, STATE, ZIP	
CONTACT	TROY DUFF	CONTACT	JASON KRUSE
TELEPHONE	515-250-3715	TELEPHONE	515-250-3707
FAX	515-725-8458	FAX	
EMAIL	troy.duff@dnr.iowa.gov	EMAIL	jason.kruse@dnr.iowa.gov

### PROJECT DESCRIPTION

THIS PROJECT CONSISTS OF CONSTRUCTING A ROCK SURFACED PARKING LOT, ACCESS ROAD AND TWO PCC BOAT RAMPS

### AUTHORIZATION TO BID

*Aug. Burr*  
AUTHORIZATION - PARKS | WILDLIFE | FISHERIES | LAW ENFORCEMENT | FORESTRY DATE  
*Jason Kruse* 10.23.15  
ENGINEERING BUREAU CHIEF DATE









## GENERAL NOTES

THAT PORTION OF THE RAMP TO BE PLACED BELOW THE WATERLINE MAY BE FORMED ABOVE THE WATERLINE AND CAREFULLY PUSHED INTO POSITION UNDERWATER TO THE LOCATION AND ELEVATION AS SHOWN ON THE PLAN AND AS APPROVED BY THE INSPECTOR. THE REMAINING SECTIONS OF THE RAMP SHALL BE FORMED AND POURED IN PLACE.



NOT TO SCALE

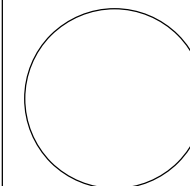


**TYPICAL SECTION - CUT**

SECTION A - A

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## RAMP TYPICAL SECTIONS AND DETAILS

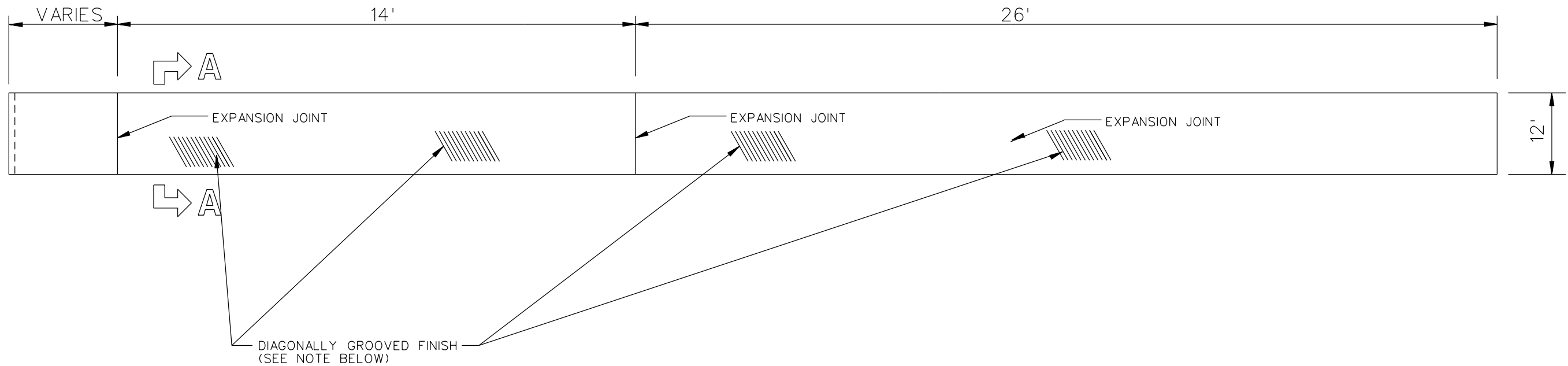
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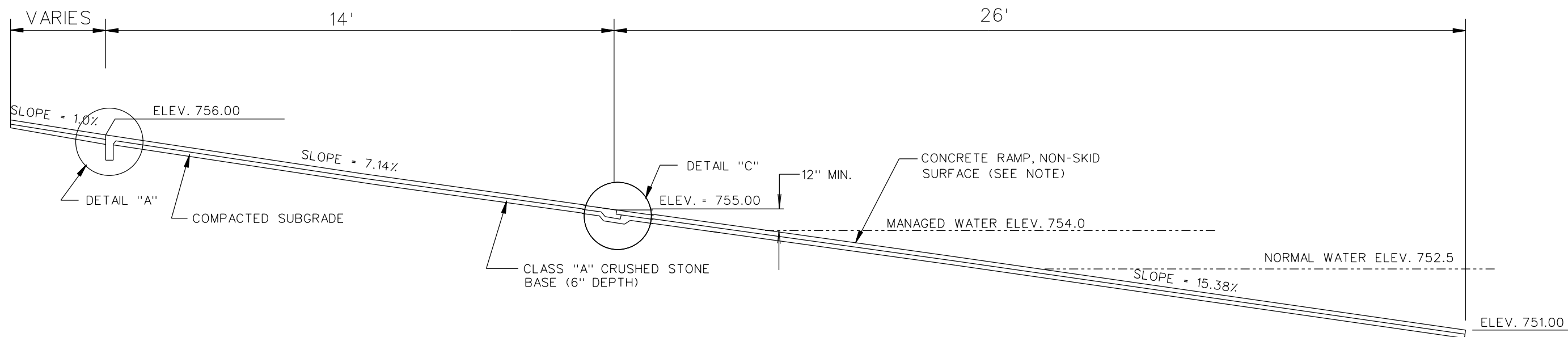
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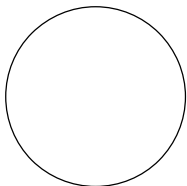
**PLAN**  
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**PROFILE**  
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NOTE:  
CONCRETE RAMP FINISH SHALL BE  
GROOVED DIAGONALLY TO FORM A  
NON-SKID SURFACE - MIN. 1" DEPTH,  
MAX. 2-1/2" BETWEEN GROOVES AND/OR  
AS DIRECTED BY THE INSPECTOR.  
ON RIVER RAMPS, GROOVES SHALL  
SLOPE TOWARDS DOWNSTREAM SIDE.

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**TYPICAL PROFILE AND DETAILS**

BOAT ACCESS FOR:  
**RED ROCK WMA**  
POLK COUNTY

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SHEET NO: **B.03**

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ESTIMATE REFERENCE INFORMATION	
ITEM NO.	DESCRIPTION
2	A. A 5" LAYER OF MACADAM STONE WILL BE USED AS BASE FOR THE ACCESS ROAD, PARKING LOT, AND MANEUVER AREA. B. 3' X 0.5' SHOULDERS FOR THE BOAT RAMPS ARE TO BE MACADAM STONE.
3	A. A 4" TOP LAYER OF CLASS 'A' CRUSHED STONE WILL BE PLACED ON THE ACCESS ROAD, PARKING LOT, AND MANEUVER AREA. B. A 6" LAYER OF CLASS 'A' CRUSHED STONE SHALL BE USED AS BASE FOR THE BOAT RAMPS.
5	A. PARKING POSTS SHALL BE MADE OF 6" X 6" TREATED LUMBER AND SPACED ON 5' CENTERS.
6	A. TWO 15" X 32' CMPs SHALL BE PLACED AS SHOWN ON SITE PLAN OR AS DIRECTED BY DNR INSPECTOR.
7	A. EARTHWORK SHALL INCLUDE MINOR GRADING FOR ACCESS ROAD, PARKING LOT, MANEUVER AREA, AND RE-ROUTING DITCH. B. SITE PREPARATION INCLUDING REMOVAL AND DISPOSAL OF 6 WILLOW TREES AS DIRECTED BY DNR INSPECTOR SHALL BE INCIDENTAL TO EARTHWORK.

## GENERAL NOTES

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Verify actual locations and elevations with DNR Engineer.

All work shall conform to and be performed in accordance with all applicable codes and ordinances.

The contractor shall visit the site and inspect the project area and thoroughly familiarize themselves with the actual job conditions prior to bidding and the start of work. Failure to visit the project site shall not relieve the contractor from performing the work in accordance to the plans, specification, special provisions and contract.

The contractor shall verify, at the site, all dimensions and conditions shown on the plans and shall notify the DNR Engineer of any discrepancies, omissions, and/or conflicts prior to proceeding with the work.


It shall be the contractor's responsibility to provide waste areas or disposal sites for excess material (excavated material or broken concrete) which is not desirable to be incorporated into the work involved on this project. No payment for overhaul will be allowed for material hauled to these sites. No material shall be placed within the right-of-way, unless specifically stated in the plans or approved by the DNR Engineer.

The contractor shall not disturb desirable grass areas and desirable trees outside the construction limits. The contractor will not be permitted to park or service vehicles and equipment or use these areas for storage of materials. Storage, parking and service areas will be subject to the approval of the DNR Engineer.

Where utilities and fixtures are shown as Existing on the plans or encountered within the construction area, it shall be the responsibility of the contractor to notify the DNR Engineer of those utilities prior to the beginning of any construction. The contractor shall be afforded access to these facilities for necessary modification of services. Underground facilities, structures and utilities have been plotted from available surveys and records and therefore their locations must be considered approximate only. It is possible there may be others, the existence of which is presently not known or shown. It is the contractor's responsibility to determine their existence and exact location and to avoid damage thereto. No claims for additional compensation will be allowed to the contractor for any interference or delay caused by such work.

The contractor shall shape graded area to maintain surface drainage. All elevations are to finish grade.

The contractor is expected to have materials, equipment, and labor available on a daily basis to install and maintain erosion control features on the project. This may involve seeding, silt fence, rock ditch checks, silt basins or silt dikes.



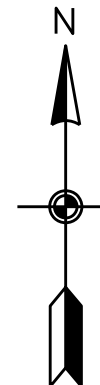
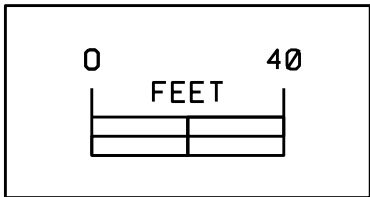
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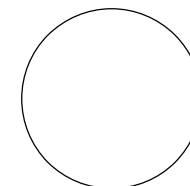
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**C.01**

## C.01



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## SITE PLAN

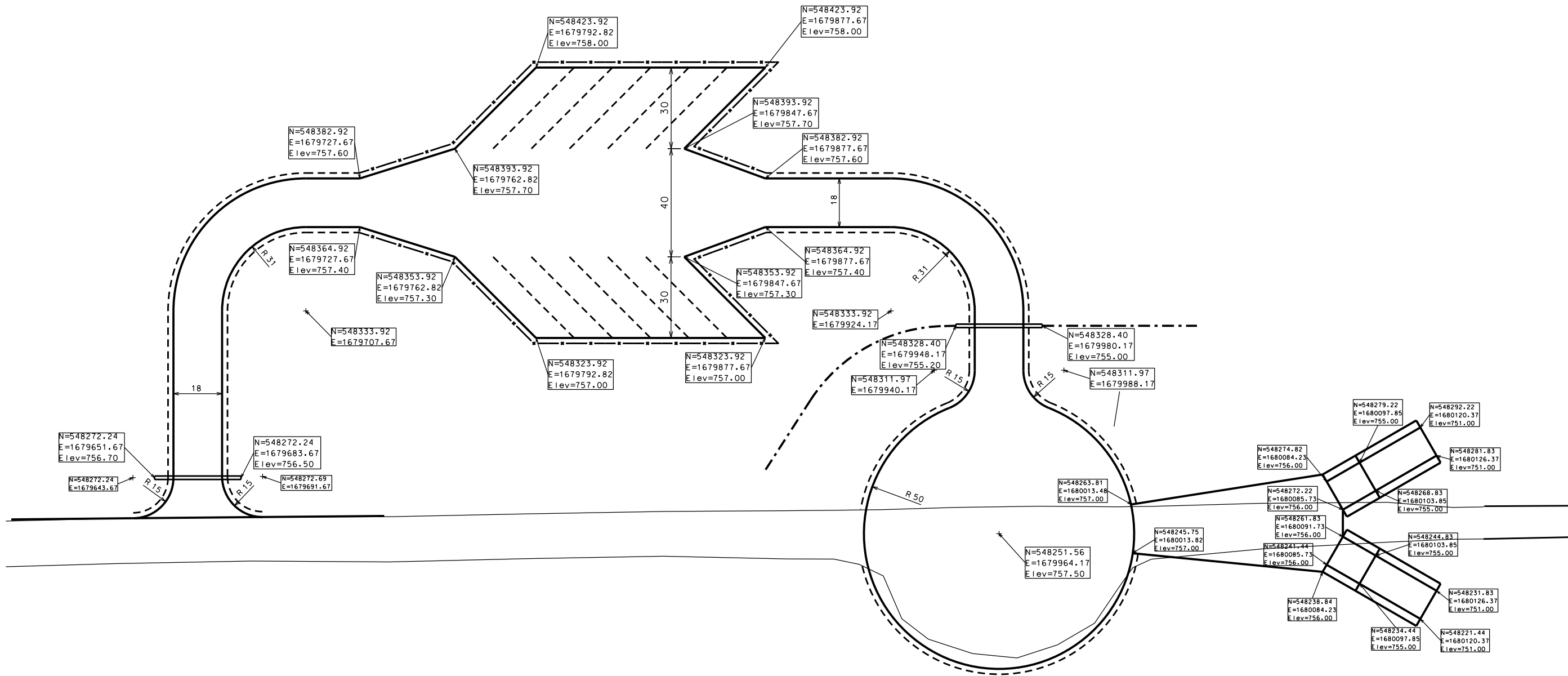
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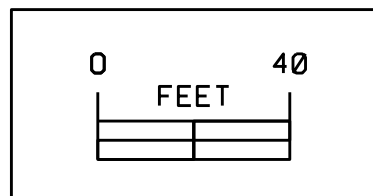
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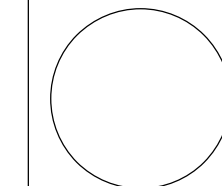
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COORDINATES ARE IOWA STATE PLANE SOUTH NAD83  
DERIVED FROM IOWA D.O.T. REAL TIME NETWORK AND  
ELEVATIONS ARE NAVD88



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SURVEY LAYOUT INFORMATION

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